# GOVERNMENT OF INDIA
# WATER RESOURCES
# LOK SABHA

STARRED QUESTION NO:348
ANSWERED ON:07.04.2003
RESEARCH ON UTILISATION OF UNUTILISED RAIN WATER
BASUDEB ACHARIA

**Will the Minister of WATER RESOURCES be pleased to state:**

(a) whether the Government propose to promote the research on utilisation of unutilised rain water to tackle the problem of water crisis in various parts of the country;

(b) if so, the details thereof, State-wise;

(c) whether the Government have allocated funds for the purpose; and

(d) if so, the details thereof ?

## Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) to (d) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY OF PARTS (a) TO (d) OF LOK SABHA STARRED QUESTION NO. 348 FOR REPLY ON 07.4.2003 REGARDING RESEARCH ON UTILISATION OF UNUTILISED RAIN WATER

Central Ground Water Board (CGWB) carries out scientific studies and research for ground water management and full utilization of surplus monsoon runoff. Based on scientific studies undertaken in various parts of the country, Central Ground Water Board have prepared a report entitled "Master Plan for Artificial Recharge to Ground Water". This report outlines a broad framework about the feasibility of recharge structures in the country. It envisages recharge of 36453 Million Cubic Meter volume of surplus monsoon runoff, through construction of 39.25 lakh artificial recharge and roof top rainwater harvesting structures. State-wise details of area identified for Artificial Recharge and quantity of surface water to be recharged, as envisaged in the above report, is given in the annexure. The details of funding pattern, implementing agencies, etc. are under discussion.

Annexure

(REFERENCE LOK SABHA STARRED QUESTION NO.348 DATED 7.4.2003)

STATEWISE DETAILS OF AREA IDENTIFIED FOR ARTIFICIAL RECHARGE AND QUANTITY OF SURFACE WATER RECHARGED AS ENVISAGED IN THE MASTER PLAN

| S.No | Name of State | Area Identified for Artificial Recharge (sq. km.) | Quantity of Surface Water to be Recharged in MCM |
|---|---|---|---|
| 1 | Andhra Pradesh | 65333 | 1095 |
| 2 | Bihar & Jharkhand | 4082 | 1120 |
| 3 | Chhattisgarh | 11706 | 258 |
| 4 | Delhi | 693 | 444 |
| 5 | Goa | 3701 | 529 |
| 6 | Gujarat | 64264 | 1408 |
| 7 | Haryana | 16120 | 685 |
| 8 | Himachal Pradesh | | 149 |
| 9 | Jammu & Kashmir | | 161 |
| 10 | Karnataka | 36710 | 2065 |
| 11 | Kerala | 4650 | 1078 |
| 12 | Madhya Pradesh | 36335 | 2320 |
| 13 | Maharashtra | 65267 | 2318 |
| 14 | Orissa | 8095 | 406 |
| 15 | Punjab | 22750 | 1200 |

| | | | |
|---|---|---|---|
| 16 | Rajasthan | 39120 | 861 |
| 17 | Sikkim | | 44 |
| 18 | Tamil Nadu | 17292 | 3597 |
| 19 | Uttar Pradesh & Uttaranchal | 45180 | 14022 |
| 20 | West Bengal | 7500 | 2664 |
| 21 | Andaman & Nicobar Islands | | 3 |
| 22 | Chandigarh | 33 | 26 |
| Total | | 448831 | 36453 |